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PTO/S8/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Complete if Known | | | | |
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| Application Number | 10/735,143 | | | |
| Filing Date | 12/11/2003 | | | |
| First Named Inventor | Teruyoshi Washizawa | | | |
| Art Unit | 2825 | | | |
| Examiner Name | Unknown | | | |
| Attorney Docket Number | CEAOODADUS | | | |

| Examiner | Cite | Document Number | U. S. PATENT D | Name of Patentee or | Pages Columns Lines Where |
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| Initials* | Cite No. ¹ | Number-Kind Code ² (I known) | MM-DD-YYYY | Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear |
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| Examiner Signature | Marchan | Date Considered | 3/25/2007 |
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| STATEMENT BY APPLICANT | | | PPLICANT | First Named Inventor | Teruyoshi Washizawa |
| · | (Use as many sheets as necessary) | | | Art Unit | 2825 |
| too as many should as necessary | | | | Examiner Name | Unknown |
| Sheet | 2 | of | 2 | Attorney Docket Number | CFA00040US |

| | | NON PATENT LITERATURE DOCUMENTS | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| T.P. | | Bulman, et al., "Comparisons between algorithms for structural topology optimization using a series of benchmark studies", Computers and Structures, 79, pp.1203-1218, 2001. | 1 |
| T.P | | Hsu, et al., "Interpreting results from topology optimization using density contours", Computers and Structures, 79, pp.1049-1058, 2001. | ✓ |
| T.P. | | English translation and description for figures of Hiroshi Yamakawa, "Saitekika Dezain (Optimized Design)", Computation Mechanics and CAE Series 9, Baifukan Co., Ltd., 1993. | 1 |
| T.P. | | 4. English translation of Fujii, Suzuki and Otsubo, "Topology Optimization of Structures Using Voxel Finite Element Method", Transactions of JSCES, Paper No. 200000010, 2000. | 1 |
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